

## ABSTRACT OF THE DISCLOSURE

5

### CROSS-TRIGGERING OF PROCESSING DEVICES

A data processing apparatus controls cross-triggering of diagnostic processes on a plurality of processing devices. The data processing apparatus comprises a routing module having a plurality of broadcast channels, one or more of the broadcast  
10 channels being operable to indicate the occurrence of a diagnostic event on one or more of the plurality of processing devices. The data processing apparatus also comprises an mapping module associated with a corresponding processing device. The interface module programmably asserts diagnostic event signals from the associated processing device to one or more of the plurality of broadcast channels and  
15 programmably retrieves diagnostic events signals from processing devices other than the associated processing device from one or more of the plurality of broadcast channels. The retrieved diagnostic event data is used to facilitate triggering of a diagnostic process on the associated processing device in dependence upon said retrieved diagnostic event data.

20

Figure 1.